

Table 5-2. National Summary of Ambient HAP Concentration Trends in Metropolitan Areas, 1994–1999

Pollutant Name	Number of Urban Sites by HAP					
	Total	Significant* UP Trend	Non-Significant UP Trend	No Trend	Non-Significant DOWN Trend	Significant* DOWN Trend
Acrylonitrile	4		4			
Benzene	84	2	8		52	22
1,3-Butadiene	62	3	23	5	22	9
Carbon tetrachloride	57	1	10	6	26	14
Chloroform	76	5	24	13	34	
1,2-Dibromoethane	26		3	17	3	3
1,2-Dichloropropane	30		2	11	16	1
Ethylene dichloride	58		5	26	21	6
Methylene chloride	74		19	2	39	14
1,1,2,2-Tetrachloroethane	11		4	3	4	
Perchloroethylene	76		7	5	50	14
Trichloroethylene	66	2	17	8	37	2
Vinyl chloride	55		2	32	18	3
Arsenic (coarse)	9			9		
Arsenic (fine)	8			1	7	
Arsenic (PM ₁₀)	13		1	2	8	2
Arsenic (TSP)	64		8	37	12	7
Beryllium (PM ₁₀)	6			6		
Beryllium (TSP)	25		3	20	2	
Cadmium (PM ₁₀)	6		3		3	
Cadmium (TSP)	58	2	12	10	30	4
Chromium (coarse)	9		1		8	
Chromium (fine)	8		1	1	5	1
Chromium (PM ₁₀)	12	1	7		4	
Chromium (TSP)	70	4	27	9	27	3
Chromium VI	19				9	10
Lead (coarse)	9				7	2
Lead (fine)	8	1			6	1
Lead (PM ₁₀)	26	2	3	14	5	2
Lead (TSP)	241	8	52	2	124	55
Manganese (coarse)	9		1		7	1
Manganese (fine)	8		4		4	
Manganese (PM ₁₀)	12		1		11	
Manganese (TSP)	63		20	1	34	8
Mercury (fine)	8		1	7		
Mercury (PM ₁₀)	6		3		3	
Mercury (TSP)	22	1	16	2	3	
Mercury compounds	2		1		1	
Nickel (coarse)	9		2		5	2
Nickel (fine)	8			1	6	1
Nickel (PM ₁₀)	12		3		9	
Nickel (TSP)	69		12	3	39	15
Acetaldehyde	18	1	9		7	1
Formaldehyde	18	1	12		4	1
Acrolein	6	1	2	3		
Benzo(a)pyrene (total PM ₁₀ & vapor)	18	1	13		4	
Dibenz(a,h)anthracene (total PM ₁₀ & vapor)	18	3	11		4	
Indeno(1,2,3-cd)pyrene (total PM ₁₀ & vapor)	18	1	13		4	
Benzo(b)fluoranthene (total PM ₁₀ & vapor)	18	3	13		2	
Benzo(k)fluoranthene (total PM ₁₀ & vapor)	18	3	11		4	
Styrene	61		13	5	38	5
Toluene	80	1	4		42	33

*Statistically significant at the 10-percent level (See Appendix B: Methodology, Air Toxics Methodology section).